

**DOCKETED**

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## **Support for all-electric buildings**

As we all know, in California we have a crisis in housing for moderate and low-income residents. In response to the crisis, a huge number of new housing projects are in the planning and permitting stages. All-electric design without the cost of running gas lines to and through these buildings will greatly reduce building cost. This in turn will reduce costs for residents in two ways: (1) It will cost less to buy or rent a unit, and (2) Utility bills will be less for space and water heating, cooling and cooking. The U.S. Department of Energy says that electric heat pumps are much more efficient than gas heaters and conventional air conditioners. I quote from their web page: "Because they move heat rather than generate heat, heat pumps can provide equivalent space conditioning at as little as one quarter of the cost of operating conventional heating or cooling appliances."

California residents will thank you for instituting strong policies and guidance to make new housing all-electric and to retrofit existing housing.